



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

PATENT APPLICATION

Inventor: Makarand S. Shinde, Richard A. Larder  
Timothy E. Cooper, Ravindra V. Shenoy,  
Benjamin N. Eldridge

Appln. No.: 10/771,099

Confirm. No.: 2047

Filed: February 2, 2004

Title: PROBE CARD CONFIGURATION FOR LOW  
MECHANICAL FLEXURAL STRENGTH ELECTRICAL  
ROUTING SUBSTRATES

Customer No.: 23910

**POWER OF ATTORNEY BY INVENTOR UNDER 37 C.F.R. §1.34(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

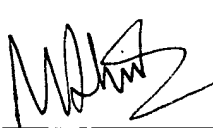
As a named inventor in the above-identified patent application, I hereby appoint Thomas A. Ward, Reg. No. 35,732 and Stuart L. Merkadeau, Reg. No. 33,262 to prosecute this application and transact all business in the United States Patent & Trademark Office.

Please direct all telephone calls to Thomas A. Ward, (415) 362-3800.

Please address all correspondence to:

Thomas A. Ward  
FLIESLER DUBB MEYER & LOVEJOY LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, California 94111-4156

Makarand S. Shinde  
Name of Inventor

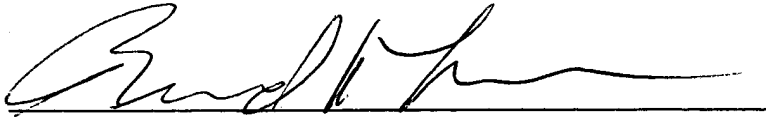
  
Signature of Inventor

Date: 7/6/04

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Richard A. Larder

Name of Inventor



Signature of Inventor

Date: 7/2/2004

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Timothy E. Cooper

Name of Inventor



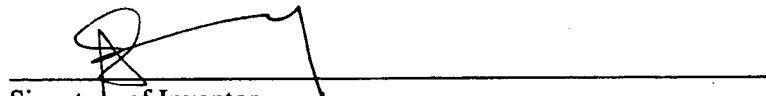
Signature of Inventor

Date: 07/02/04

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Ravindra V. Shenoy

Name of Inventor

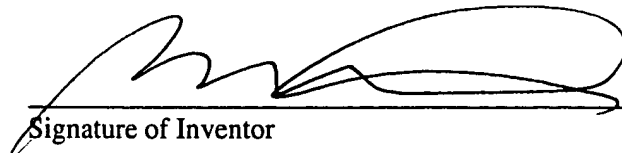


Signature of Inventor

Date: 07/02/04

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Benjamin N. Eldridge  
Name of Inventor

  
Signature of Inventor

Date: 7/7/04

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**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name. I believe that I am the original, first and sole inventor (if one name is listed below), or first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PROBE CARD CONFIGURATION FOR LOW MECHANICAL FLEXURAL STRNEGTH  
ELECTRICAL ROUTING SUBSTRATES**

the specification of which (check applicable ones):

☒ \_\_\_\_\_

is filed herewith;

☐ \_\_\_\_\_

was filed with the above-identified "Filed" date and "Appln. No."

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the examination of the application in accordance with Title 37, Code of Federal Regulations, §1.56.

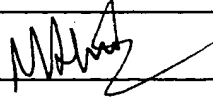
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(1) Full Name  
of First inventor: Makarand S. Shinde

(1) Residence: 5877 Welch Lane, Livermore, CA 94550

(1) Mailing Address: (Same as above)

(1) Citizenship: India

(1) Inventor's signature: 

(1) Date: 7/6/04

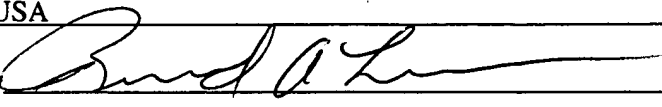
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(2) Full name of second  
joint inventor: Richard A. Larder

(2) Residence: 2717 Kennedy Street, Livermore, CA 94550

(2) Mailing Address: (Same as above)

(2) Citizenship: USA

(2) Inventor's signature: 

(2) Date: 7/2/2004

\*\*\*\*\*

(3) Full name of third  
joint inventor: Timothy E. Cooper

(3) Residence: 2265 Newport Court, Discovery Bay, CA 94514

(3) Mailing Address: (Same as above)

(3) Citizenship: USA

(3) Inventor's signature: 

(3) Date: 07/02/04

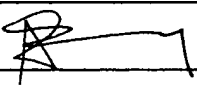
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(4) Full name of third  
joint inventor: Ravindra V. Shenoy

(4) Residence: 5029 Winterbrook Avenue, Dublin, CA 94568

(4) Mailing Address: (Same as above)

(4) Citizenship: US

(4) Inventor's signature: 

(4) Date: 7/2/04

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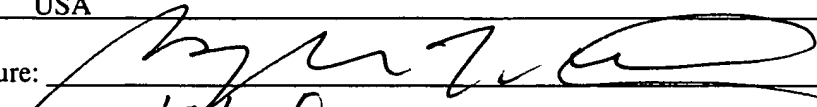


(5) Full name of third  
joint inventor: Benjamin N. Eldridge

(5) Residence: 651 Sheri Lane, Danville, CA 94526

(5) Mailing Address: (Same as above)

(5) Citizenship: USA

(5) Inventor's signature: 

(5) Date: 2/10/09

\*\*\*\*\*



Title 37, Code of Federal Regulations, §1.56

**SECTION 1.56. DUTY TO DISCLOSE INFORMATION  
MATERIAL TO PATENTABILITY**

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98.\* However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a *prima facie* case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office; or
  - (ii) Asserting an argument of patentability.

A *prima facie* case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

\* §§1.97(b)-(d) and 1.98 relate to the timing and manner in which information is to be submitted to the Office.